

Quality, Performance, Value - Guaranteed!

MORE CHOICES AND MORE SELECTIONS



KORLOY KIT COLLECTION

Milling and Drilling Kit Catalog

NEW AND IMPROVED!. NOW YOU CAN CUSTOMIZE YOUR KORLOY PERFORMANCE KIT TO BEST SUIT YOUR PARTICULAR APPLICATIONS WITH A CHOICE OF KORLOY'S BEST AND MOST POPULAR GRADES.



MILLING GUIDE

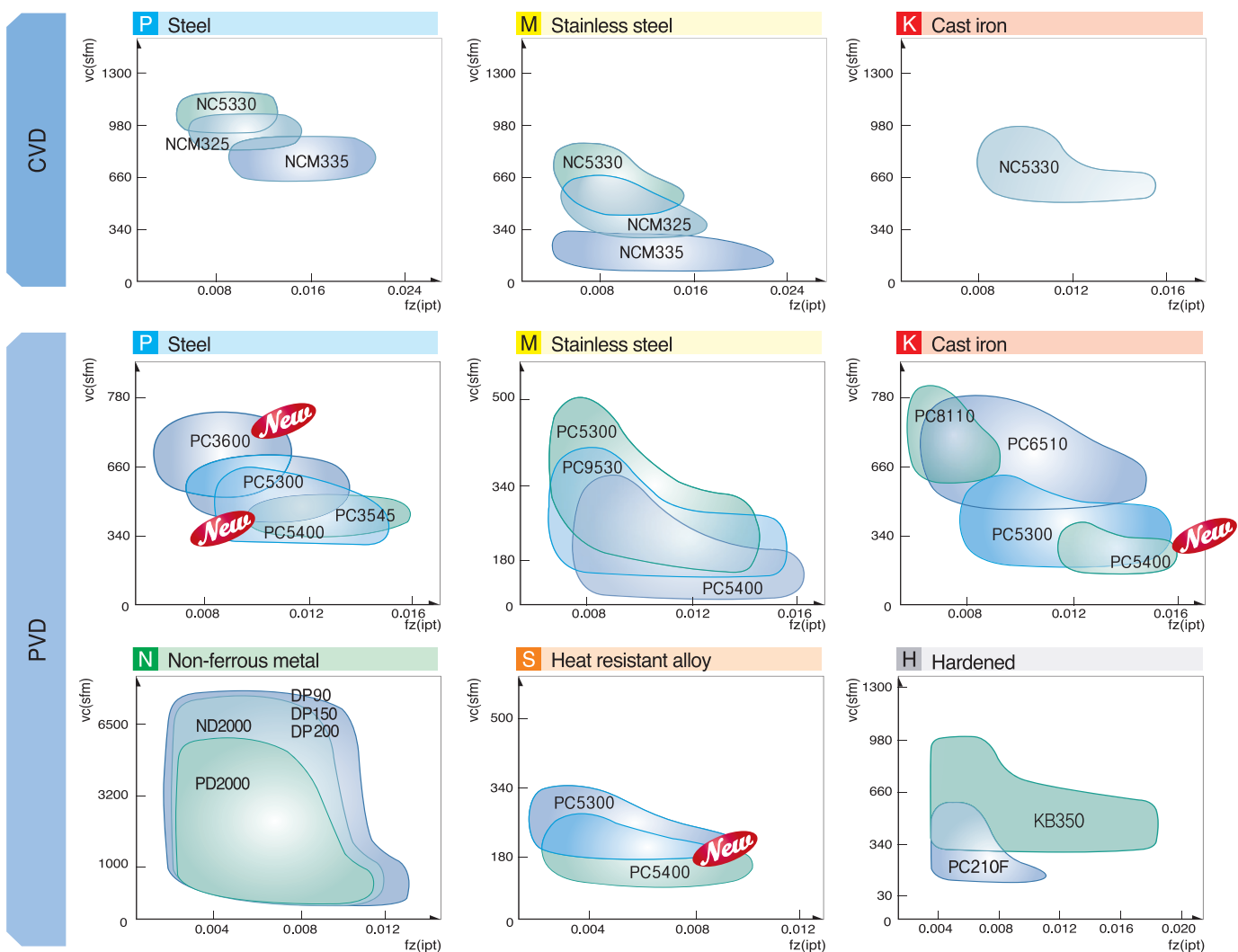
Recommended Cutting Conditions for PC5300, PC5400

Work-Piece					Cutting Speed vc(sfm)	
ISO	Material		Hardness (HB)	Hardness (HrC)	PC5300	PC5400
P Carbon steel	Low Carbon steel	C = 0.10-0.35%	80~180	10~	459~886	328~820
	High Carbon steel	C = 0.35-0.8%	180~280	10~30	295~722	262~722
P Alloy steel	Low alloy steel (alloying elements<5%)	Non-Hardened	140~260	27~	328~656	262~656
		Hardened	220~450	20~50	230~459	197~394
	High alloyed steel (alloying elements>5%)	Annealed	200~400	43~	230~492	197~492
		Castings	220~450	20~48	131~361	98~295
M Stainless steel	Austenitic	Non-Hardened Non-wedable	135~275	29~	328~755	262~591
	Austenitic / Ferritic	Hardened/ Weldable	150~250	25~	295~623	164~558
	Ferritic / Martensitic	Non-Hardened Nonwedable	135~275	29~	361~787	262~656
S Heat resistant superalloy	Heat resistant superalloys	Fe base	200~280	29~	131~213	98~197
		Ni base	250~320	34~	115~197	98~197
		Co base	200~320	34~	33~82	33~82
		Ti	400	43~	328~394	262~328
	Titanium alloys	Annealed aged	400~	~43	148~213	98~197
K Cast iron	Gray cast iron	Low tensile strength	180	18~	656~689	492~591
		High tensile strength	220	~23	492~755	394~656
	Ductile cast iron	Ferritic	160	10~	361~591	262~492
		Pearlitic	250	~34	197~394	164~328
N Copper Aluminum alloy	Aluminum	Aluminum	30~150	-	820~1312	820~1312
	Copper	Copper alloys	150~160	-	984~1640	984~1640

Milling inserts Selection system

Work-Piece	P	Steel					M	Stainless steel				K	Cast iron				N	Nonferrous			S	HRSA				H	Hardened		
ISO	P01	P10	P20	P30	P40	P50	M10	M20	M30	M40	K01	K10	K20	K30	K40	N10	N20	N30	S01	S10	S20	S30	H01	H10	H20				
Coated carbide			NC5330				NC5330										ND2000							PC210F					
			NCM325				NCM325				PC8110							PD2000			PC5300								
			PC3600				PC5300					PC6510																	
				PC5300				PC9530					PC5300																
					NCM335			NCM335					PC5300																
					PC5400				PC5400				NC5330									PC3545							
						PC3545			PC3545					PC5400							PC5400								
Cermet		CN2000																											
			CN20																										
				CN30																									
cBN / PCD																	DP150		KB360					KB350					
Uncoated carbide			ST20									H01						H01											
				ST30A				U10				H05																	
					ST30N				U20			H10																	
						ST40				U40			G10																

Application range of Milling grades



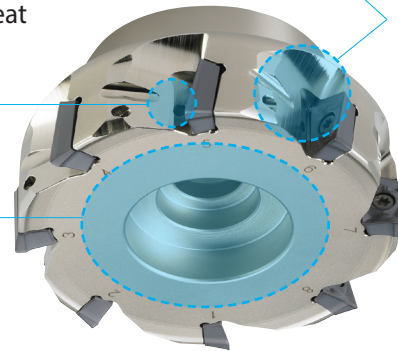
Alpha Mill



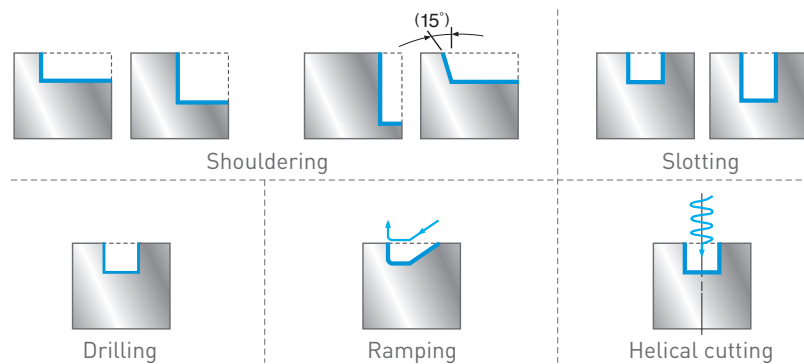
Features

- Alpha Mill series line-up makes both high feed and deep depth of cut machining possible with a variety of insert sizes
- The smaller inserts with 1.5 times more edges accomplish high feed
- The bigger inserts achieve better hardness and deep depth of cutting making 1.3 times better MRR

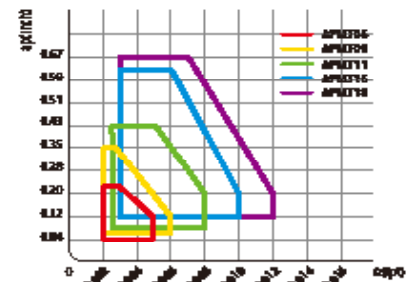
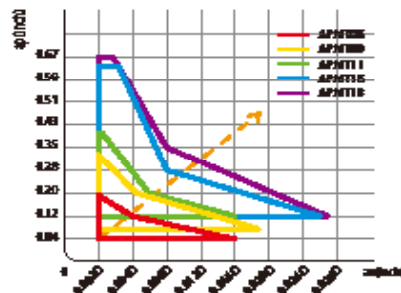
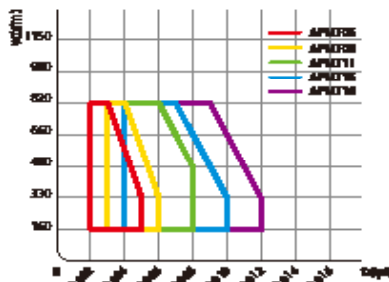
- **Wider chip pocket**
 - Screw on system for better chip control
- **Through coolant system**
 - Better chip evacuation
 - Longer tool life with less heat
- **Usable with both socket and mounting bolt (bigger than Ø3.0 inches)**
- **Lighter cutter due to bigger inside diameter**
 - More convenient



Application Example



Application Range



- When L/D=1~1.5D & 2D, 3D, reduce conditions by 70~90%
- Reduce cutting conditions by 70% when slotting, ramping and helical ramping
- Avoid $a_p = a_e$, it might cause tool breakage

Alpha Mill Kit Collection

AMSA15075HS

EXP



Designation		KP Code	Composition	Recommend Inserts	Price
AMSA	1050HS-3-EXP	1-09-022634	AMSA1050HS-3	APMT0602PDSR-MM	\$99.99
	15075HS-EXP	1-09-022635	AMSA15075HS	APMT0903PDSR-MM	\$109.99
	15100HS-EXP	1-09-022636	AMSA15100HS	APMT0903PDSR-MM	\$119.99
	15125HS-EXP	1-09-022637	AMSA15125HS	APMT0903PDSR-MM	\$139.99
	2050HS-EXP	1-09-022638	AMSA2050HS	APMT11T3PDSR-MM	\$89.99
	2062HS-EXP	1-09-022639	AMSA2062HS	APMT11T3PDSR-MM	\$99.99
	2075HS-EXP	1-09-022640	AMSA2075HS	APMT11T3PDSR-MM	\$109.99
	2100HS-EXP	1-09-022641	AMSA2100HS	APMT11T3PDSR-MM	\$119.99
	2150HS-EXP	1-09-022642	AMSA2150HS	APMT11T3PDSR-MM	\$159.99
	2200HS-EXP	1-09-022643	AMSA2200HS	APMT11T3PDSR-MM	\$199.99
	3100HS-EXP	1-09-022644	AMSA3100HS	APMT1604PDSR-MM	\$139.99
	3125HS-EXP	1-09-022645	AMSA3125HS	APMT1604PDSR-MM	\$159.99
	3150HS-EXP	1-09-022646	AMSA3150HS	APMT1604PDSR-MM	\$179.99
	3200HS-EXP	1-09-022647	AMSA3200HS	APMT1604PDSR-MM	\$199.99
	4125HS-EXP	1-09-022648	AMSA4125HS	APMT1806PDSR-MM	\$189.99
	4150HS-EXP	1-09-022649	AMSA4150HS	APMT1806PDSR-MM	\$109.99
AMCA	2150HS-EXP	1-09-022622	AMCA2150HS	APMT11T3PDSR-MM	\$189.99
	2200HS-EXP	1-09-022623	AMCA2200HS	APMT11T3PDSR-MM	\$209.99
	2250HS-EXP	1-09-022624	AMCA2250HS	APMT11T3PDSR-MM	\$249.99
	2300HS-EXP	1-09-022625	AMCA2300HS	APMT11T3PDSR-MM	\$269.99
	3150HS-EXP	1-09-022626	AMCA3150HS	APMT1604PDSR-MM	\$199.99
	3200HS-EXP	1-09-022627	AMCA3200HS	APMT1604PDSR-MM	\$219.99
	3250HS-EXP	1-09-022628	AMCA3250HS	APMT1604PDSR-MM	\$249.99
	3300HS-EXP	1-09-022629	AMCA3300HS	APMT1604PDSR-MM	\$279.99
	3400HS-EXP	1-09-022630	AMCA3400HS	APMT1604PDSR-MM	\$309.99
	4200HS-EXP	1-09-022631	AMCA4200HS	APMT1806PDSR-MM	\$249.99
	4300HS-EXP	1-09-022632	AMCA4300HS	APMT1806PDSR-MM	\$309.99
	4400HS-EXP	1-09-022633	AMCA4400HS	APMT1806PDSR-MM	\$339.99

- Customize each kit by choosing its compatible inserts (10 pcs). Please use our catalog for reference.
- Each kit price above includes 1 cutter and 10 inserts, wrench, grease, literature, and Korloy pen.
- Insert Grades Available: NCM325, NC5330, PC3500, PC5300, PC5400, PC3545, PC9530, PC6510

Rich Mill



Features

- The innovative Rich Mill series provides more cutting edges through use of a double-sided insert and provides longer tool life.
- Available in both screw-on clamping system and latch clamping system.

Double sided insert featuring 8 cutting edges



- A double sided insert results in greater efficiency than a single sided insert.
- The unique geometry and high rake angle of cutting edge guarantees excellent surface finish. Available for various work-pieces like steel, stainless steel, cast iron, and aluminum.
- Various pitches and chip breakers are available for diverse machining operation.

Rich Mill Kit Collection

RM8ACA4300HR

EXP



Designation		KP Code	Composition	Recommend Inserts	Price
RM8ACA	4200HR-M-EXP	1-09-022650	RM8ACA4200HR-M-EXP	SNMX1206ANN-MM	\$239.99
	4300HR-EXP	1-09-022651	RM8ACA4300HR-EXP	SNMX1206ANN-MM	\$309.99
	4300HR-M-EXP	1-09-022652	RM8ACA4300HR-M-EXP	SNMX1206ANN-MM	\$334.99
	4400HR-EXP	1-09-022653	RM8ACA4400HR-EXP	SNMX1206ANN-MM	\$354.99
	4400HR-M-EXP	1-09-022654	RM8ACA4400HR-M-EXP	SNMX1206ANN-MM	\$384.99
	4500HR-EXP	1-09-022655	RM8ACA4500HR-EXP	SNMX1206ANN-MM	\$459.99
	4500HR-M-EXP	1-09-022656	RM8ACA4500HR-M-EXP	SNMX1206ANN-MM	\$554.99
	4600R-M-EXP	1-09-022657	RM8ACA4600R-M-EXP	SNMX1206ANN-MM	\$665.99

- Customize each kit by choosing its compatible inserts and quantity. Please use our catalog for reference.
- Each kit price above includes 1 cutter and 10 inserts (20 inserts for 4500HR-M-EXP & 4600R-M-EXP), wrench, grease, literature, and Korloy pen.
- Insert Grades Available: NCM325, NC5330, PC3500, PC5300, PC9530, PC6510

Features

- Built-in stopper prevents inserts from being pushed back, which ensures accuracy during high speed applications.
- Kit available for the following work-piece : Steel
- Extended tool life due to specially-designed rake angle.
- Decreased nose radius size prevents burrs on work-piece.
- Various insert lead angles available for best machining conditions.
- Small width of chip can be achieved due to special chip breaker and cutting edge design.



Insert : SP



Stopper type

Saw-Man
Kit Collection

Saw-Man



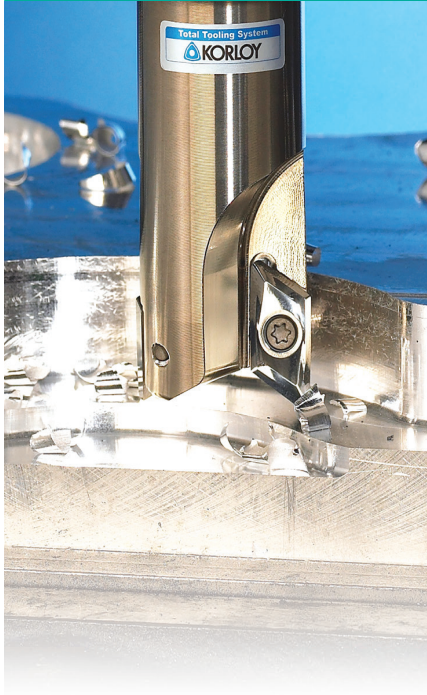
SAW-Man Kit Collection

SPBA100553

KIT

Designation		KP Code	Composition		Qty.	Price
SPBA	10053-KIT (P)	1-09-022525	Tool Holder	SPBA100-S-3-NI	1	\$99.99
			Insert	SP300 (NC3030)	20	
			Part	SW15S	1	
	12553-KIT (P)	1-09-022527	Tool Holder	SPBA125-S-3-NI	1	\$99.99
			Insert	SP300 (NC3030)	20	
			Part	SW15S	1	
	10054-KIT (P)	1-09-022526	Tool Holder	SPBA100-S-4-NI	1	\$109.99
			Insert	SP400 (NC3030)	20	
			Part	SW15S	1	
	12554-KIT (P)	1-09-022528	Tool Holder	SPBA125-S-4-NI	1	\$109.99
			Insert	SP400 (NC3030)	20	
			Part	SW15S	1	

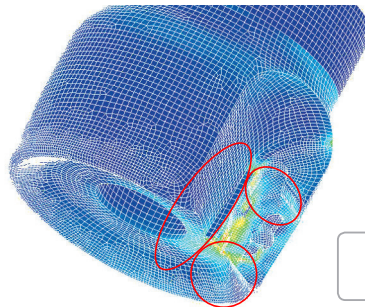
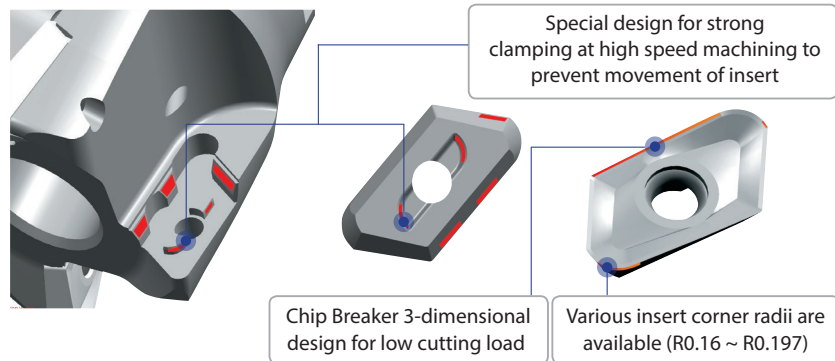
Pro-X Mill



Features

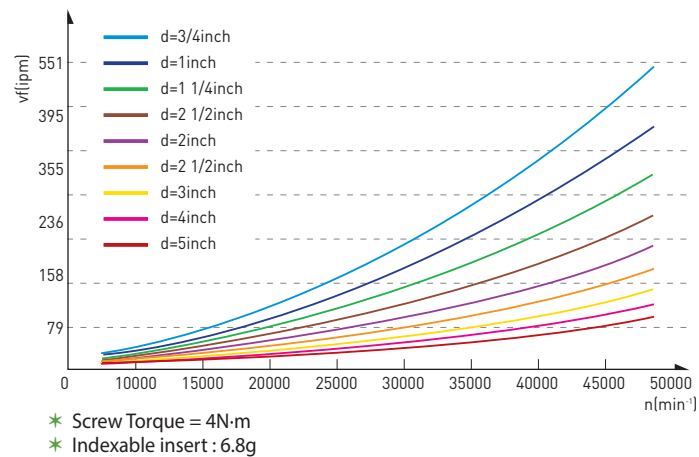
- Strong clamping due to the concave face of the insert's bottom side.
- Good chip flow and less build up edge are achieved through the buffed surface of the insert.
- High rake angle of insert provides good surface finish and low cutting load.
- Specially-designed for high speed machining of aluminum.
- Suitable for square shouldering and curved surface machining.

Clamping System for High Speed



- Clamping design as per FEM analysis
- Strong clamping of insert

Centrifugal Force as per RPM



Pro-X Mill Kit Collection

PAXCA5150HR-A

EXP



Designation		KP Code	Composition	Recommend Inserts	Price
PAXCA	5150HR-A-EXP	1-09-022663	PAXCA5150HR-A	XEKT19M508FR-MA	\$259.99
	5200HR-A-EXP	1-09-022664	PAXCA5200HR-A	XEKT19M508FR-MA	\$269.99
	5200HR-B-EXP	1-09-022665	PAXCA5200HR-B	XEKT19M508FR-MA	\$269.99
	5250HR-A-EXP	1-09-022666	PAXCA5250HR-A	XEKT19M508FR-MA	\$289.99
	5300HR-A-EXP	1-09-022667	PAXCA5300HR-A	XEKT19M508FR-MA	\$299.99
	5300HR-B-EXP	1-09-022668	PAXCA5300HR-B	XEKT19M508FR-MA	\$299.99
	5400HR-A-EXP	1-09-022669	PAXCA5400HR-A	XEKT19M508FR-MA	\$319.99
	5500HR-A-EXP	1-09-022670	PAXCA5500HR-A	XEKT19M508FR-MA	\$389.99
PAXSA	5075HR-A-EXP	1-09-022671	PAXSA5075HR-A	XEKT19M508FR-MA	\$209.99
	5100HR-A-EXP	1-09-022672	PAXSA5100HR-A	XEKT19M508FR-MA	\$219.99
	5100HR-B-EXP	1-09-022673	PAXSA5100HR-B	XEKT19M508FR-MA	\$219.99
	5125HR-A-EXP	1-09-022674	PAXSA5125HR-A	XEKT19M508FR-MA	\$229.99
	5150HR-A-EXP	1-09-022675	PAXSA5150HR-A	XEKT19M508FR-MA	\$269.99
	5150HR-B-EXP	1-09-022676	PAXSA5150HR-B	XEKT19M508FR-MA	\$269.99

Pro-A Mill Kit Collection



PACA4200R

EXP



Designation		KP Code	Composition	Recommend Inserts	Price
PACA	4200R-EXP	1-09-022658	PACA4200HR	VCKT220530N-MA	\$249.99
	4300R-EXP	1-09-022659	PACA4300HR	VCKT220530N-MA	\$289.99
PASA	2050R-EXP	1-09-022660	PASA2050HR	VDKT11T210N-MA	\$169.99
	2075R-EXP	1-09-022661	PASA2075HR	VDKT11T210N-MA	\$199.99
	2100R-EXP	1-09-022662	PASA2100HR	VDKT11T210N-MA	\$239.99

- Customize each kit by choosing its compatible inserts and quantity. Please use our catalog for reference.
- Each kit price above is based on 1 cutter and 10 inserts (H01 Grade), more inserts can be added at an additional cost.
- Pro-X Mill Insert Grades Available: H01 / Pro-A Mill Insert Grades Available: H01
- Each Kit includes 1 tool holder, wrench, grease, literature, and Korloy pen.

HRMD



Features

- HRMD is more economical due to the use of 6 cutting edges compared to the HRM tool with positive inserts.
- High rake angle cutting edge and chip breaker reduces cutting load.
- Simple screw on system and stable support achieves strong clamping force.
- Unique insert design for high feed and multifunctional machining.
- HRMD inserts with symmetrical cutting edges are applicable for both R and L type machining.

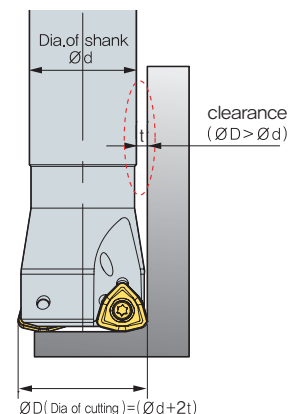
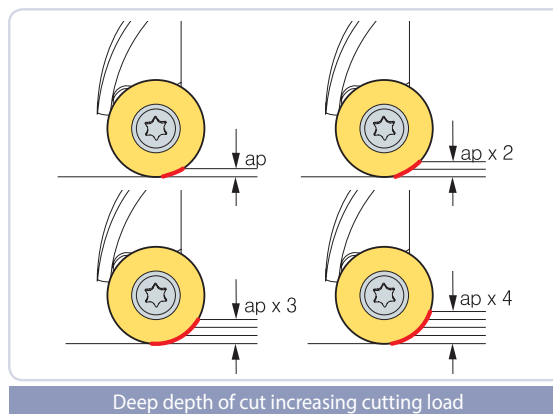
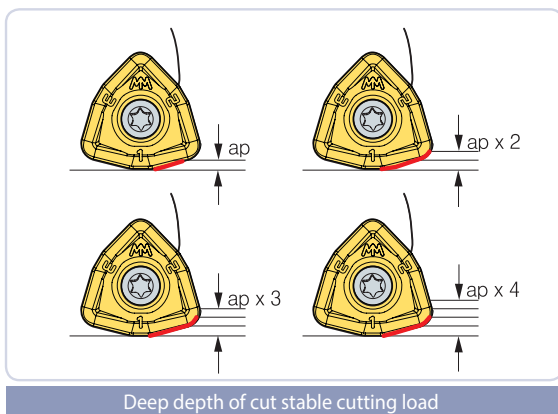


Interference Prevention System

Designation	ØD(inch)	Ød(inch)	t(inch)
HRMDSA09106HR-2□100	1.0625	1.00	0.06
HRMDSA09131HR-2□125	1.3125	1.25	0.06
HRMDSA09137HR-2□125	1.3750	1.25	0.13
HRMDSA09150HR-2□125	1.5000	1.25	0.25
HRMDSA09200HR-3□150	2.0000	1.50	0.50
HRMDSA13131HR-3□125	1.3130	1.25	0.06
HRMDSA13137HR-3□125	1.3750	1.25	0.13
HRMDSA13150HR-3□125	1.5000	1.25	0.25
HRMDSA13162HR-3□125	1.6250	1.25	0.38
HRMDSA13162HR-3□150	1.6250	1.50	0.13
HRMDSA13200HR-3□150	2.0000	1.50	0.50
HRMDSA13250HR-3□150	2.5000	1.50	1.00

* The side clearance prevents interference between tool and work-piece even in deep hole machining.

Depth of Cut



HRMD Kit Collection

HRMDCA09200HR-5

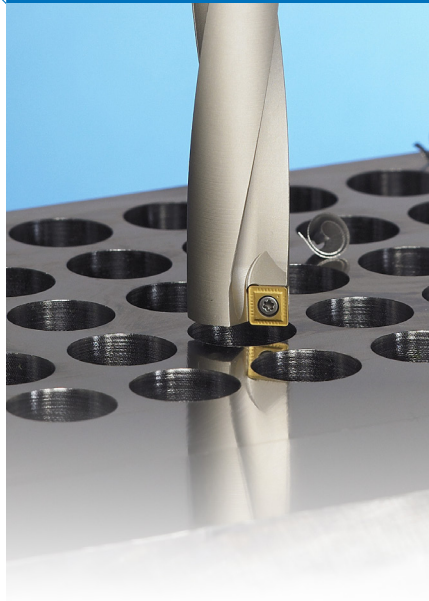
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Designation		KP Code	Composition	Recommend Inserts	Price
HRMDCA	09200HR-5-EXP	1-09-022677	HRMDCA09200HR-5	WNMX09T316ZNN-MM	\$329.99
	09250HR-6-EXP	1-09-022678	HRMDCA09250HR-6	WNMX09T316ZNN-MM	\$369.99
	09300HR-7-EXP	1-09-022679	HRMDCA09300HR-7	WNMX09T316ZNN-MM	\$409.99
	09400HR-8-EXP	1-09-022680	HRMDCA09400HR-8	WNMX09T316ZNN-MM	\$449.99
	13200HR-4-EXP	1-09-022681	HRMDCA13200HR-4	WNMX130520ZNN-MM	\$349.99
	13250HR-5-EXP	1-09-022682	HRMDCA13250HR-5	WNMX130520ZNN-MM	\$429.99
	13300HR-6-EXP	1-09-022683	HRMDCA13300HR-6	WNMX130520ZNN-MM	\$459.99
	13400HR-7-EXP	1-09-022684	HRMDCA13400HR-7	WNMX130520ZNN-MM	\$509.99
	16300HR-5-EXP	1-09-022685	HRMDCA16300HR-5	WNMX160720ZNN-MM	\$459.99
	16400HR-6-EXP	1-09-022686	HRMDCA16400HR-6	WNMX160720ZNN-MM	\$519.99
	16500HR-7-EXP	1-09-022687	HRMDCA16500HR-7	WNMX160720ZNN-MM	\$579.99
HRMDSA	06068HR-2S062-EXP	1-09-022688	HRMDSA06068HR-2S062	WNMX060312ZNN-MM	\$169.99
	06075HR-2S075-EXP	1-09-022689	HRMDSA06075HR-2S075	WNMX060312ZNN-MM	\$169.99
	06087HR-2S075-EXP	1-09-022690	HRMDSA06087HR-2S075	WNMX060312ZNN-MM	\$169.99
	06100HR-3S100-EXP	1-09-022691	HRMDSA06100HR-3S100	WNMX060312ZNN-MM	\$179.99
	06112HR-3S100-EXP	1-09-022692	HRMDSA06112HR-3S100	WNMX060312ZNN-MM	\$179.99
	06125HR-4S125-EXP	1-09-022693	HRMDSA06125HR-4S125	WNMX060312ZNN-MM	\$199.99
	09100HR-2M100-EXP	1-09-022694	HRMDSA09100HR-2M100	WNMX09T316ZNN-MM	\$179.99
	09100HR-2S100-EXP	1-09-022695	HRMDSA09100HR-2S100	WNMX09T316ZNN-MM	\$179.99
	09125HR-3M125-EXP	1-09-022696	HRMDSA09125HR-3M125	WNMX09T316ZNN-MM	\$199.99
	09125HR-3S125-EXP	1-09-022697	HRMDSA09125HR-3S125	WNMX09T316ZNN-MM	\$199.99
	13125HR-2M125-EXP	1-09-022698	HRMDSA13125HR-2M125	WNMX130520ZNN-MM	\$229.99
	13125HR-2S125-EXP	1-09-022699	HRMDSA13125HR-2S125	WNMX130520ZNN-MM	\$219.99
	13150HR-3M125-EXP	1-09-022700	HRMDSA13150HR-3M125	WNMX130520ZNN-MM	\$279.99
	13150HR-3M150-EXP	1-09-022701	HRMDSA13150HR-3M150	WNMX130520ZNN-MM	\$309.99
	13150HR-3S125-EXP	1-09-022702	HRMDSA13150HR-3S125	WNMX130520ZNN-MM	\$269.99
	13150HR-3S150-EXP	1-09-022703	HRMDSA13150HR-3S150	WNMX130520ZNN-MM	\$279.99

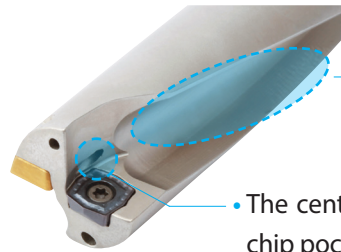
- Customize each kit by choosing 10 of its compatible inserts. Please use our catalog for reference.
- Each kit price above includes 1 cutter and 10 inserts, wrench, grease, literature, and Korloy pen.
- Insert Grades Available: PC3500, PC5300, PC5400, PC3545, PC9530

King Drill



Features of Drill

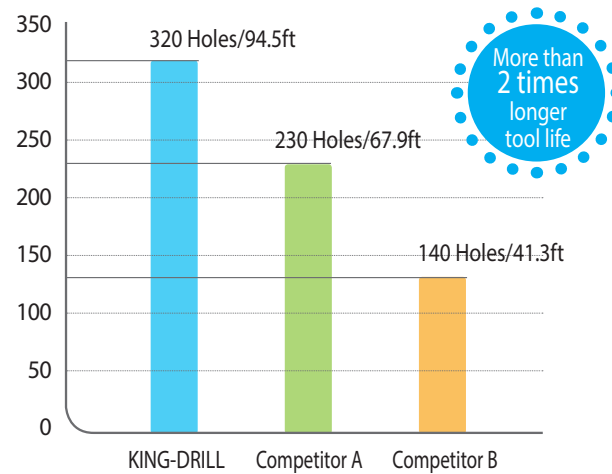
- 3 coolant hole system



• The optimized shape of the flute increases the rigidity of the drill body and improves chip evacuation

• The center coolant hole system helps prevent wear on the chip pocket of the central insert and improves chip control

Machining performance



- **Work-piece** AISI4140
- **Cutting conditions** vc (sfm) = 492, fn (ipr) = 0.0039
Depth of drilling : 3.15 inches (pass through), wet
- **Tools** Insert : SPMT060205-PD (PC3500), XOMT060204-PD (PC5300)
Holder : K5DA0875100HP-07

Features of Insert

Chip breaker	PD	
Features	- Universal - At medium speed and medium feed	
Insert	Peripheral insert	Central insert
Shape		
Grades for work-piece	PC3500 : P PC5300 : P, M, K, S PC6510 : K	PC5300 : P, M, K, S



K3DA04084075HP-04

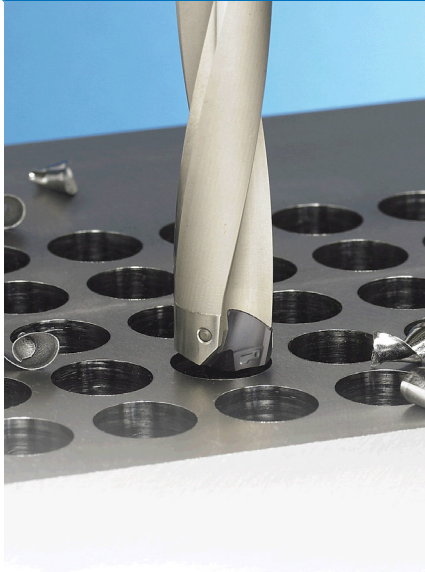
EXP



Designation		KP Code	Composition	Recommend Inserts	Price
K3DA	0484075HP-04-EXP	1-09-022704	K3DA0484075HP-04	SPMT040204-□□	\$219.99
	0500075HP-04-EXP	1-09-022705	K3DA0500075HP-04	XOMT040204-□□	\$219.99
	0531075HP-04-EXP	1-09-022706	K3DA0531075HP-04		\$219.99
	0562075HP-05-EXP	1-09-022707	K3DA0562075HP-05	SPMT050204-□□	\$229.99
	0625075HP-05-EXP	1-09-022708	K3DA0625075HP-05	XOMT050204-□□	\$229.99
	0687100HP-06-EXP	1-09-022709	K3DA0687100HP-06	SPMT060205-□□	\$229.99
	0750100HP-06-EXP	1-09-022710	K3DA0750100HP-06	XOMT060204-□□	\$229.99
	0812100HP-07-EXP	1-09-022711	K3DA0812100HP-07	SPMT07T208-□□	\$249.99
	0875100HP-07-EXP	1-09-022712	K3DA0875100HP-07	XOMT07T205-□□	\$249.99
	0937125HP-09-EXP	1-09-022713	K3DA0937125HP-09	SPMT090308-□□	\$249.99
	1000125HP-09-EXP	1-09-022714	K3DA1000125HP-09	XOMT090305-□□	\$269.99
	1031125HP-09-EXP	1-09-022715	K3DA1031125HP-09		\$269.99
	1062125HP-09-EXP	1-09-022716	K3DA1062125HP-09		\$269.99
	1125125HP-09-EXP	1-09-022717	K3DA1125125HP-09		\$269.99
	1187125HP-11-EXP	1-09-022718	K3DA1187125HP-11	SPMT11T308-□□	\$279.99
	1250125HP-11-EXP	1-09-022719	K3DA1250125HP-11	XOMT11T306-□□	\$299.99
	1312125HP-11-EXP	1-09-022720	K3DA1312125HP-11		\$299.99
	1375125HP-11-EXP	1-09-022721	K3DA1375125HP-11		\$299.99
	1437150HP-13-EXP	1-09-022722	K3DA1437150HP-13	SPMT130410-□□	\$319.99
	1500150HP-13-EXP	1-09-022723	K3DA1500150HP-13	XOMT130406-□□	\$319.99
K5DA	0484075HP-04-EXP	1-09-022724	K5DA0484075HP-04	SPMT040204-□□	\$289.99
	0500075HP-04-EXP	1-09-022725	K5DA0500075HP-04	XOMT040204-□□	\$289.99
	0531075HP-04-EXP	1-09-022726	K5DA0531075HP-04		\$289.99
	0562075HP-05-EXP	1-09-022727	K5DA0562075HP-05	SPMT050204-□□	\$309.99
	0625075HP-05-EXP	1-09-022728	K5DA0625075HP-05	XOMT050204-□□	\$309.99
	0687100HP-06-EXP	1-09-022729	K5DA0687100HP-06	SPMT060205-□□	\$309.99
	0750100HP-06-EXP	1-09-022730	K5DA0750100HP-06	XOMT060204-□□	\$309.99
	0812100HP-07-EXP	1-09-022731	K5DA0812100HP-07	SPMT07T208-□□	\$339.99
	0875100HP-07-EXP	1-09-022732	K5DA0875100HP-07	XOMT07T205-□□	\$339.99
	0937125HP-09-EXP	1-09-022733	K5DA0937125HP-09	SPMT090308-□□	\$349.99
	1000125HP-09-EXP	1-09-022734	K5DA1000125HP-09	XOMT090305-□□	\$369.99
	1031125HP-09-EXP	1-09-022735	K5DA1031125HP-09		\$369.99
	1062125HP-09-EXP	1-09-022736	K5DA1062125HP-09		\$369.99
	1125125HP-09-EXP	1-09-022737	K5DA1125125HP-09		\$369.99
	1187125HP-11-EXP	1-09-022738	K5DA1187125HP-11	SPMT11T308-□□	\$379.99
	1250125HP-11-EXP	1-09-022739	K5DA1250125HP-11	XOMT11T306-□□	\$419.99
	1312125HP-11-EXP	1-09-022740	K5DA1312125HP-11		\$419.99
	1375125HP-11-EXP	1-09-022741	K5DA1375125HP-11		\$419.99
	1437150HP-13-EXP	1-09-022742	K5DA1437150HP-13	SPMT130410-□□	\$439.99
	1500150HP-13-EXP	1-09-022743	K5DA1500150HP-13	XOMT130406-□□	\$439.99

- Customize each kit by choosing its compatible inserts and quantity. Please use our catalog for reference.
- Each kit price above includes 1 cutter and 20 inserts (10 for inside & 10 for outside), wrench, grease, literature, and Korloy pen.

TPDB

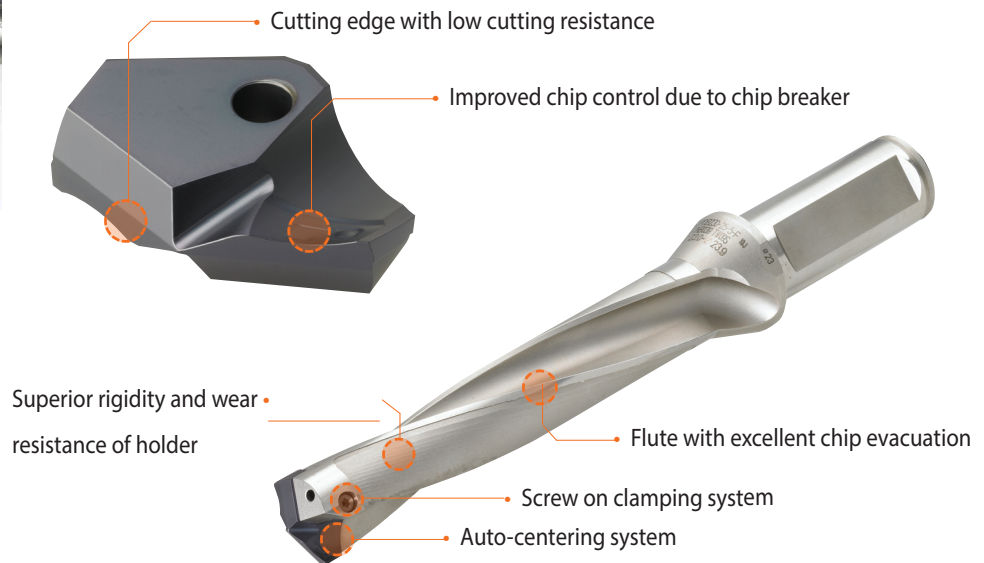


Features of TPDB

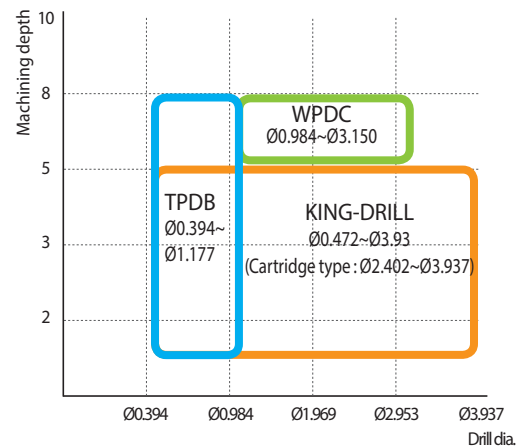
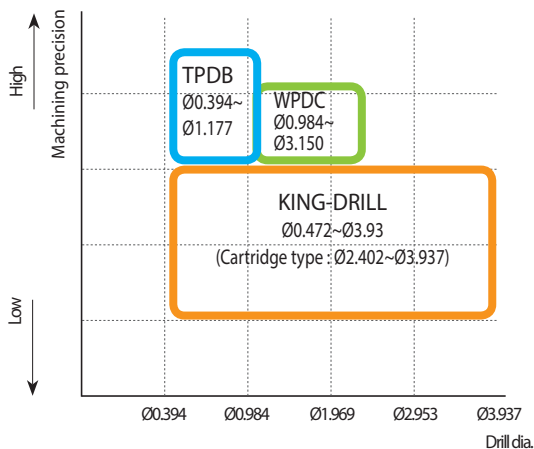
- **High precision clamping system**
High precision grinding and superior clamping precision with auto-centering system.
- **Screw on clamping system**
Easy clamping system of TPDB insert.
- **Sharp cutting edge**
Improved chip evacuation, low cutting load, longer tool life with ultra-fine substrate and exclusive coating layer.
- **Holder with excellent durability**
Holder with high rigidity and superb wear resistance due to special surface treatment.



Features of Holder



Application Range





TPDBA0433-063-3

EXP



Designation		KP Code	Composition	Available Inserts	Price
TPDBA	0433-063-3-EXP	1-09-022744	TPDBA0433-063-3	TPD0433BA-0452BA	\$279.99
	0433-063-5-EXP	1-09-022745	TPDBA0433-063-5		\$299.99
	0433-063-8-EXP	1-09-022746	TPDBA0433-063-8		\$339.99
	0492-063-3-EXP	1-09-022747	TPDBA0492-063-3	TPD0492BA-011BA	\$289.99
	0492-063-5-EXP	1-09-022748	TPDBA0492-063-5		\$319.99
	0492-063-8-EXP	1-09-022749	TPDBA0492-063-8		\$249.99
	0551-063-3-EXP	1-09-022750	TPDBA0551-063-3	TPD0551BA-0570BA	\$289.99
	0551-063-5-EXP	1-09-022751	TPDBA0551-063-5		\$319.99
	0551-063-8-EXP	1-09-022752	TPDBA0551-063-8		\$349.99
	0610-075-3-EXP	1-09-022753	TPDBA0610-075-3	TPD0610BA-0629BA	\$299.99
	0610-075-5-EXP	1-09-022754	TPDBA0610-075-5		\$339.99
	0610-075-8-EXP	1-09-022755	TPDBA0610-075-8		\$369.99
	0689-075-3-EXP	1-09-022756	TPDBA0689-075-3	TPD0689BA-0708BA	\$299.99
	0689-075-5-EXP	1-09-022757	TPDBA0689-075-5		\$339.99
	0689-075-8-EXP	1-09-022758	TPDBA0689-075-8		\$369.99
	0748-100-3-EXP	1-09-022759	TPDBA0748-100-3	TPD0748BA-0767BA	\$329.99
	0748-100-5-EXP	1-09-022760	TPDBA0748-100-5		\$369.99
	0748-100-8-EXP	1-09-022761	TPDBA0748-100-8		\$409.99
	0807-100-3-EXP	1-09-022762	TPDBA0807-100-3	TPD0807BA-0826BA	\$339.99
	0807-100-5-EXP	1-09-022763	TPDBA0807-100-5		\$379.99
	0807-100-8-EXP	1-09-022764	TPDBA0807-100-8		\$419.99
	0866-100-3-EXP	1-09-022765	TPDBA0866-100-3	TPD0866BA-0885BA	\$379.99
	0866-100-5-EXP	1-09-022766	TPDBA0866-100-5		\$419.99
	0866-100-8-EXP	1-09-022767	TPDBA0866-100-8		\$469.99
	0925-100-3-EXP	1-09-022768	TPDBA0925-100-3	TPD0925BA-0944BA	\$409.99
	0925-100-5-EXP	1-09-022769	TPDBA0925-100-5		\$459.99
	0925-100-8-EXP	1-09-022770	TPDBA0925-100-8		\$509.99
	0984-125-3-EXP	1-09-022771	TPDBA0984-125-3	TPD0984BA-1003BA	\$449.99
	0984-125-5-EXP	1-09-022772	TPDBA0984-125-5		\$499.99
	0984-125-8-EXP	1-09-022773	TPDBA0984-125-8		\$559.99
	1063-125-3-EXP	1-09-022774	TPDBA1063-125-3	TPD1063BA-1101BA	\$469.99
	1063-125-5-EXP	1-09-022775	TPDBA1063-125-5		\$519.99
	1063-125-8-EXP	1-09-022776	TPDBA1063-125-8		\$579.99
	1102-125-3-EXP	1-09-022777	TPDBA1102-125-3	TPD1102BA-1141BA	\$499.99
	1102-125-5-EXP	1-09-022778	TPDBA1102-125-5		\$549.99
	1102-125-8-EXP	1-09-022779	TPDBA1102-125-8		\$619.99

- Customize each kit by choosing its compatible inserts and quantity. Please use our catalog for reference.
- Each kit price above includes 1 cutter and 2 inserts, more inserts can be added at an additional cost.
- Each Kit includes 1 tool holder, wrench, grease, literature, and Korloy pen.

Milling Kit Detail Specs

Alpha Mill

Designation	KP Code	Diameter	Shank	Arbor	Teeth
AMSA	1050HS-3	1-09-022634	0.500	0.500	3
	15075HS	1-09-022635	0.750	0.750	2
	15100HS	1-09-022636	1.000	1.000	3
	15125HS	1-09-022637	1.250	1.250	4
	2050HS	1-09-022638	0.500	0.625	1
	2062HS	1-09-022639	0.625	0.625	2
	2075HS	1-09-022640	0.750	0.750	2
	2100HS	1-09-022641	1.000	1.000	3
	2150HS	1-09-022642	1.500	1.250	5
	2200HS	1-09-022643	2.000	1.250	6
	3100HS	1-09-022644	1.000	1.000	2
	3125HS	1-09-022645	1.250	1.250	3
	3150HS	1-09-022646	1.500	1.250	4
	3200HS	1-09-022647	2.000	1.250	5
	4125HS	1-09-022648	1.250	1.250	2
AMCA	2150HS	1-09-022622	1.500	0.500	5
	2200HS	1-09-022623	2.000	0.750	6
	2250HS	1-09-022624	2.500	1.000	8
	2300HS	1-09-022625	3.000	1.000	10
	3150HS	1-09-022626	1.500	0.500	4
	3200HS	1-09-022627	2.000	0.750	5
	3250HS	1-09-022628	2.500	1.000	6
	3300HS	1-09-022629	3.000	1.000	7
	3400HS	1-09-022630	4.000	2.874	8
	4200HS	1-09-022631	2.000	0.750	5
	4300HS	1-09-022632	3.000	1.000	7
	4400HS	1-09-022633	4.000	1.250	8

HRMD

Designation	KP Code	Diameter	Shank	Arbor	Teeth
HRMDCA	09200HR-5	1-09-022677	2.000	0.750	5
	09250HR-6	1-09-022678	2.500	0.750	6
	09300HR-7	1-09-022679	3.000	1.000	7
	09400HR-8	1-09-022680	4.000	1.250	8
	13200HR-4	1-09-022681	2.000	0.750	3
	13250HR-5	1-09-022682	2.500	0.750	5
	13300HR-6	1-09-022683	3.000	1.000	6
	13400HR-7	1-09-022684	4.000	1.250	7
	16300HR-5	1-09-022685	3.000	1.000	5
	16400HR-6	1-09-022686	4.000	1.250	6
	16500HR-7	1-09-022687	5.000	1.500	7
HRMDSA	06068HR-2S062	1-09-022688	0.688	0.625	2
	06075HR-2S075	1-09-022689	0.750	0.750	2
	06087HR-2S075	1-09-022690	0.875	0.750	2
	06100HR-3S100	1-09-022691	1.000	1.000	3
	06112HR-3S100	1-09-022692	1.125	1.000	4
	06125HR-4S125	1-09-022693	1.250	1.250	4
	09100HR-2M100	1-09-022694	1.000	1.000	2
	09100HR-2S100	1-09-022695	1.000	1.000	2
	09125HR-3M125	1-09-022696	1.250	1.250	3
	09125HR-3S125	1-09-022697	1.250	1.250	3
	13125HR-2M125	1-09-022698	1.250	1.250	2
	13125HR-2S125	1-09-022699	1.250	1.250	2
	13150HR-3M125	1-09-022700	1.500	1.250	3
	13150HR-3M150	1-09-022701	1.500	1.500	3
	13150HR-3S125	1-09-022702	1.500	1.250	3
	13150HR-3S150	1-09-022703	1.500	1.500	3

Pro-X Mill, Pro-A Mill

Designation	KP Code	Diameter	Shank	Arbor	Teeth
PAXCA	5150HR-A	1-09-022663	1.500	0.500	3
	5200HR-A,B	1-09-022664	2.000	0.750	4
	5250HR-A	1-09-022666	2.500	0.750	5
	5300HR-A,B	1-09-022667	3.000	1.000	5
	5400HR-A	1-09-022669	4.000	1.500	6
	5500HR-A	1-09-022670	5.000	1.500	7
PAXSA	5075HR-A	1-09-022671	0.750	0.750	1
	5100HR-A,B	1-09-022672	1.000	1.000	2
	5125HR-A	1-09-022674	1.250	1.250	2
	5150HR-A,B	1-09-022675	1.500	1.500	3
PACA	4200HR	1-09-022658	2.000	0.750	3
	4300HR	1-09-022659	3.000	1.000	4
PASA	2050HR	1-09-022660	0.500	0.625	1
	2075HR	1-09-022661	0.750	0.750	2
	2100HR	1-09-022662	1.000	1.000	3

Rich Mill

Designation	KP Code	Diameter	Shank	Arbor	Teeth
RM8ACA	4200HR-M	1-09-022650	2.000	0.750	4
	4300HR	1-09-022651	3.000	1.000	5
	4300HR-M	1-09-022652	3.000	1.000	7
	4400HR	1-09-022653	4.000	1.250	6
	4400HR-M	1-09-022654	4.000	1.250	8
	4500HR	1-09-022655	5.000	1.500	8
	4500HR-M	1-09-022656	5.000	1.500	10
	4600R-M	1-09-022657	6.000	2.000	12

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